

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092425AL\
 Data File : FG016630.D
 Signal(s) : FID1A.ch
 Acq On : 24 Sep 2025 15:28
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 24 15:40:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 15:40:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.055	1463116	10.439 ug/ml
Spiked Amount 50.000		Recovery =	20.88%
12) S 1-chlorooctadecane (S...	13.502	1157762	10.447 ug/ml
Spiked Amount 50.000		Recovery =	20.89%
Target Compounds			
1) T n-Nonane (C9)	3.380	1162484	10.424 ug/ml
2) T n-Decane (C10)	4.640	1184621	10.401 ug/ml
3) T A~Naphthalene (C11.7)	6.358	1244243	10.100 ug/ml
4) T n-Dodecane (C12)	6.821	1196108	10.329 ug/ml
5) T A~2-methylnaphthalene...	7.461	1142771	9.700 ug/ml
6) T n-Tetradecane (C14)	8.661	1199975	10.282 ug/ml
7) T n-Hexadecane (C16)	10.280	1267524	10.318 ug/ml
8) T n-Octadecane (C18)	11.733	1333319	10.428 ug/ml
10) T n-Eicosane (C20)	13.052	1328269	10.503 ug/ml
11) T n-Heneicosane (C21)	13.668	1317314	10.489 ug/ml
13) T n-Docosane (C22)	14.259	1321673	10.472 ug/ml
14) T n-Tetracosane (C24)	15.370	1336986	10.470 ug/ml
15) T n-Hexacosane (C26)	16.399	1325441	10.488 ug/ml
16) T n-Octacosane (C28)	17.354	1301210	10.494 ug/ml
17) T n-Tricontane (C30)	18.247	1309761	10.509 ug/ml
18) T n-Dotriacontane (C32)	19.085	1246476	10.532 ug/ml
19) T n-Tetratriacontane (C34)	19.873	1114409	10.568 ug/ml
20) T n-Hexatriacontane (C36)	20.618	950327	10.651 ug/ml
21) T n-Octatriacontane (C38)	21.400	864915	10.841 ug/ml
22) T n-Tetracontane (C40)	22.393	820694	10.960 ug/ml

(f)=RT Delta > 1/2 Window

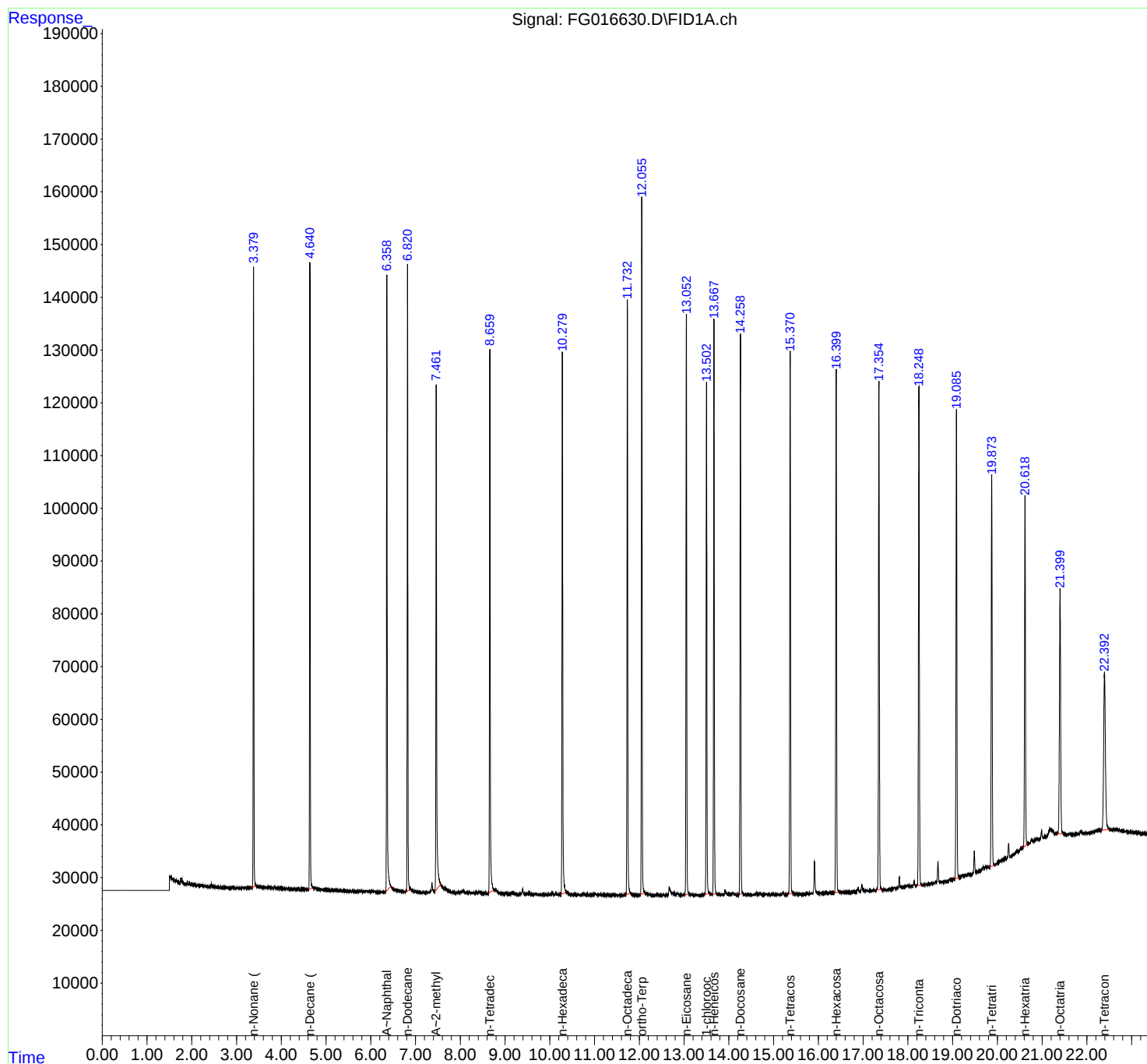
(m)=manual int.

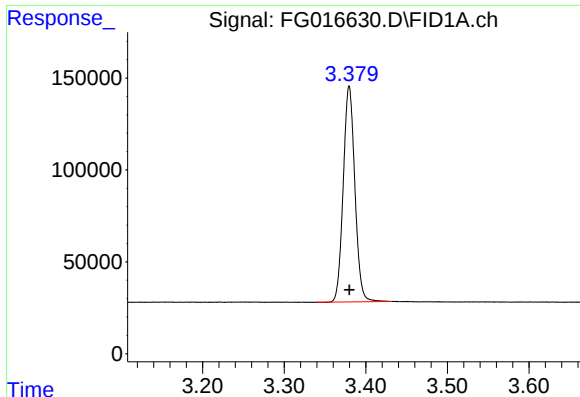
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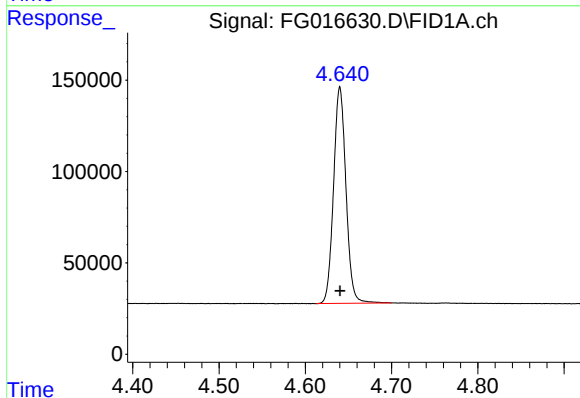




#1 n-Nonane (C9)

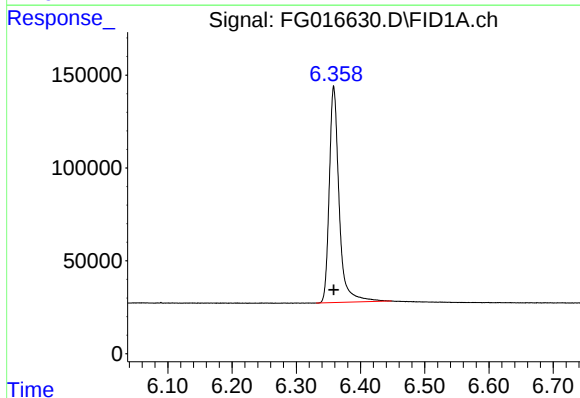
R.T.: 3.380 min
Delta R.T.: 0.000 min
Response: 1162484
Conc: 10.42 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



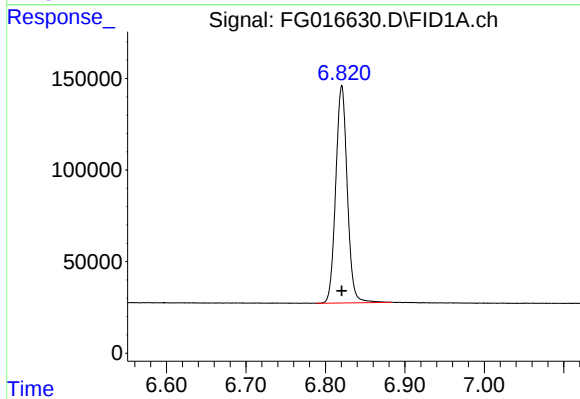
#2 n-Decane (C10)

R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 1184621
Conc: 10.40 ug/ml



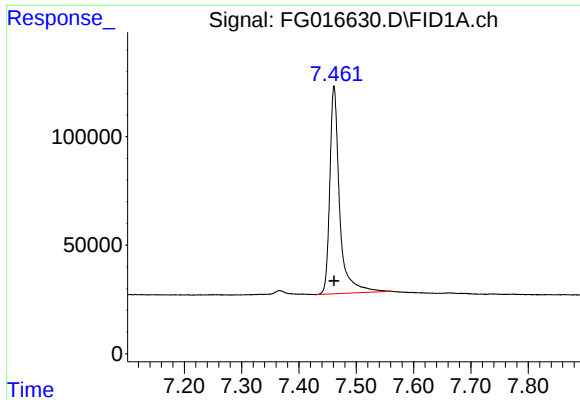
#3 A~Naphthalene (C11.7)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 1244243
Conc: 10.10 ug/ml



#4 n-Dodecane (C12)

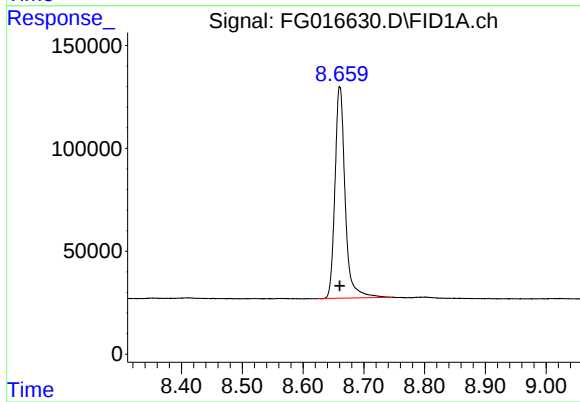
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 1196108
Conc: 10.33 ug/ml



#5 A~2-methylnaphthalene (C12.89)

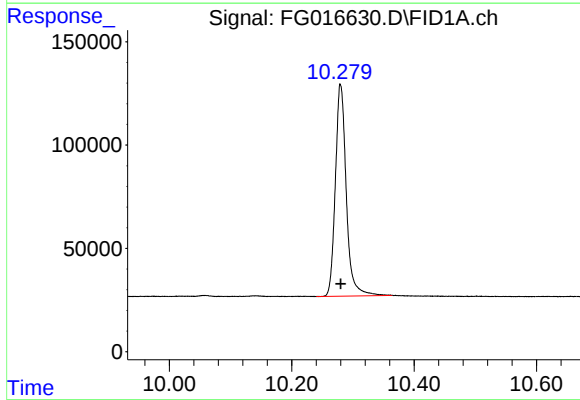
R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 1142771
Conc: 9.70 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



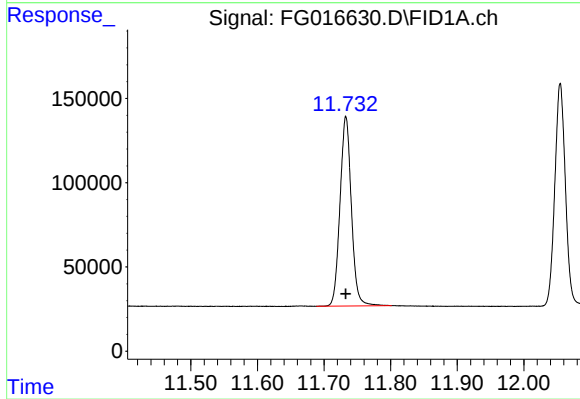
#6 n-Tetradecane (C14)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 1199975
Conc: 10.28 ug/ml



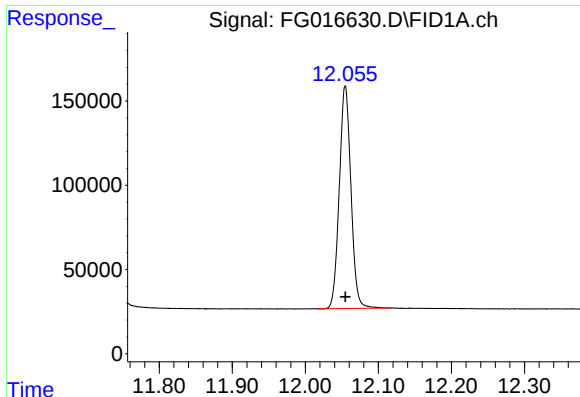
#7 n-Hexadecane (C16)

R.T.: 10.280 min
Delta R.T.: 0.000 min
Response: 1267524
Conc: 10.32 ug/ml



#8 n-Octadecane (C18)

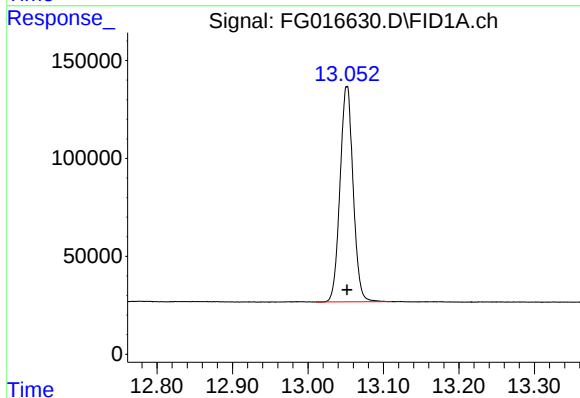
R.T.: 11.733 min
Delta R.T.: 0.000 min
Response: 1333319
Conc: 10.43 ug/ml



#9 ortho-Terphenyl (SURR)

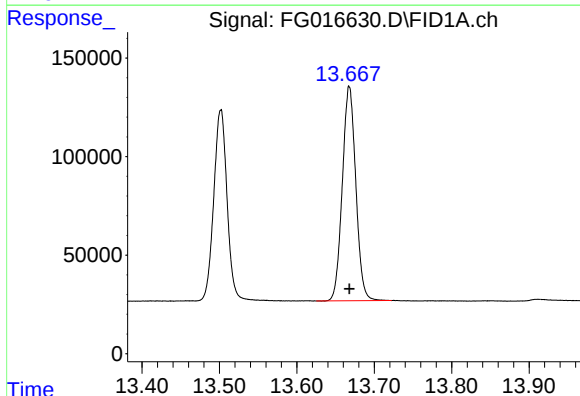
R.T.: 12.055 min
Delta R.T.: 0.000 min
Response: 1463116
Conc: 10.44 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



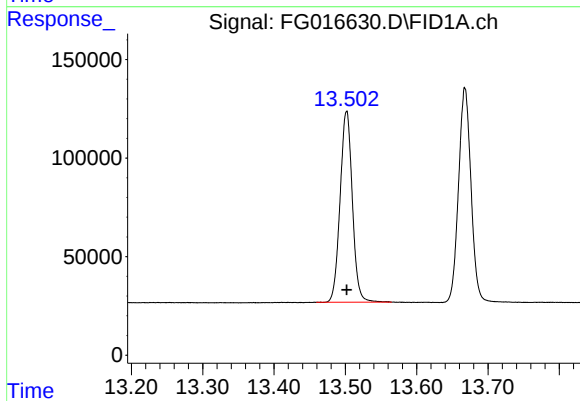
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: 0.000 min
Response: 1328269
Conc: 10.50 ug/ml



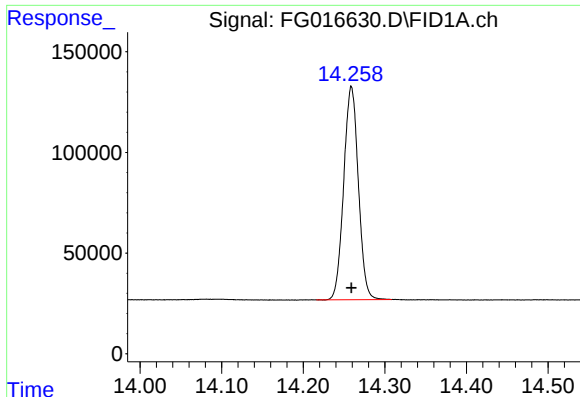
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: 0.000 min
Response: 1317314
Conc: 10.49 ug/ml



#12 1-chlorooctadecane (SURR)

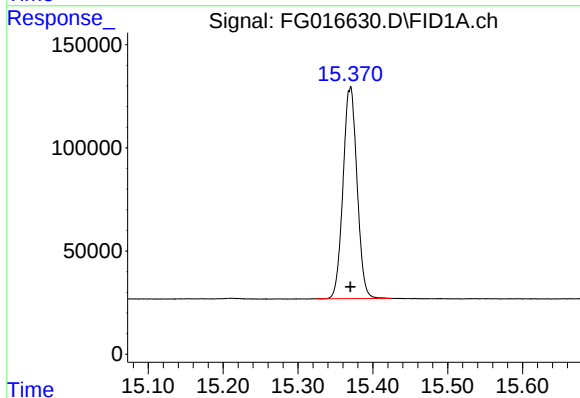
R.T.: 13.502 min
Delta R.T.: 0.000 min
Response: 1157762
Conc: 10.45 ug/ml



#13 n-Docosane (C22)

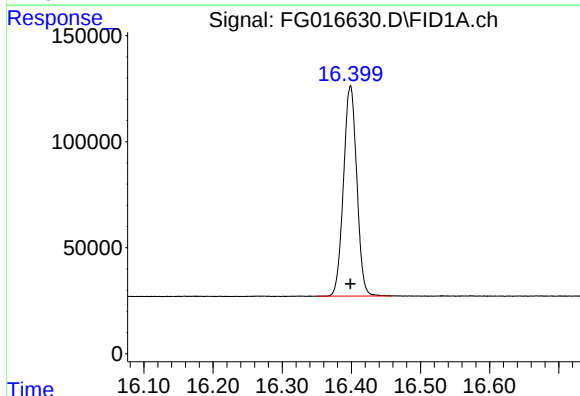
R.T.: 14.259 min
Delta R.T.: 0.000 min
Response: 1321673
Conc: 10.47 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



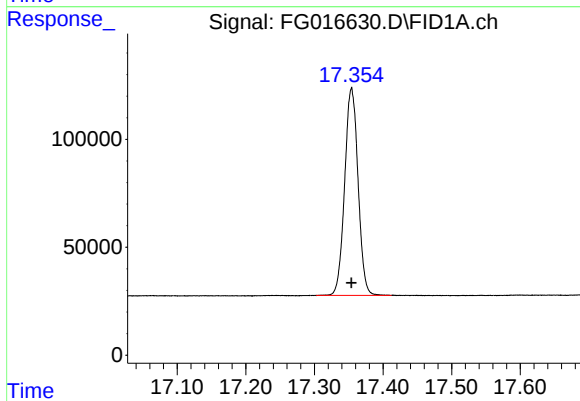
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.000 min
Response: 1336986
Conc: 10.47 ug/ml



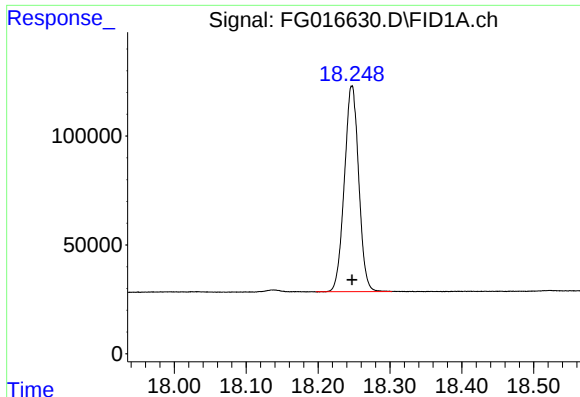
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: 0.000 min
Response: 1325441
Conc: 10.49 ug/ml



#16 n-Octacosane (C28)

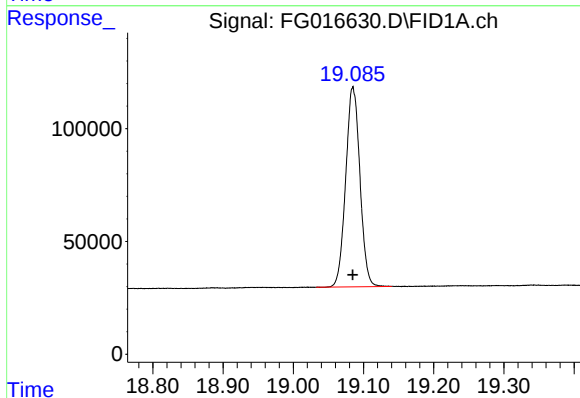
R.T.: 17.354 min
Delta R.T.: 0.000 min
Response: 1301210
Conc: 10.49 ug/ml



#17 n-Tricontane (C30)

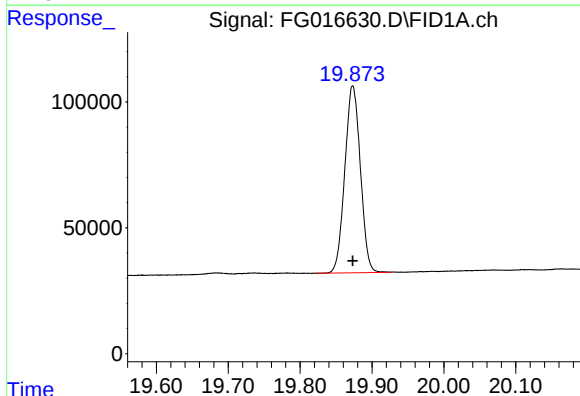
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 1309761
Conc: 10.51 ug/ml

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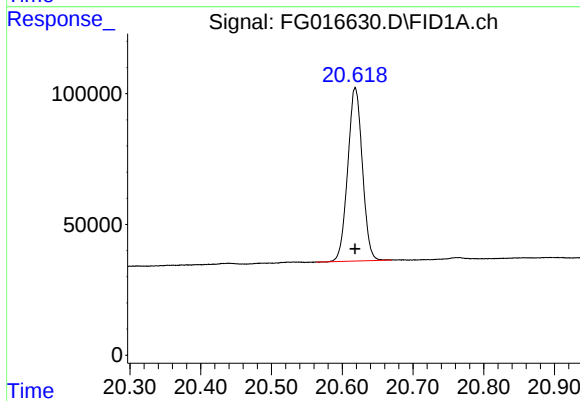
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.000 min
Response: 1246476
Conc: 10.53 ug/ml



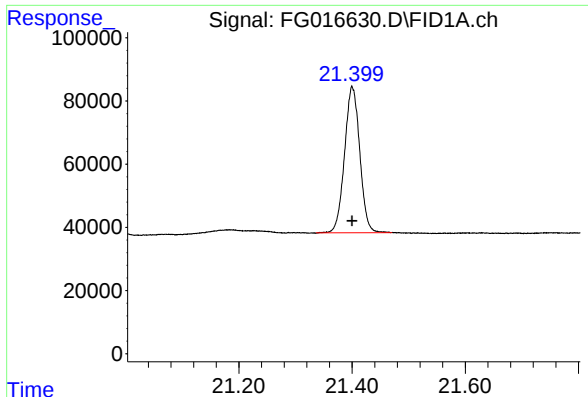
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.000 min
Response: 1114409
Conc: 10.57 ug/ml



#20 n-Hexatriacontane (C36)

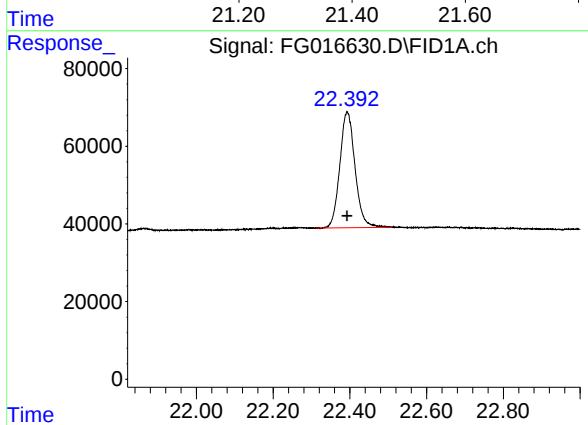
R.T.: 20.618 min
Delta R.T.: 0.000 min
Response: 950327
Conc: 10.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.400 min
Delta R.T.: 0.000 min
Response: 864915
Conc: 10.84 ug/ml

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FID_G
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.393 min
Delta R.T.: 0.000 min
Response: 820694
Conc: 10.96 ug/ml